

ACC konverents : ülevaade värsketest arengutest kardioloogias

Viigimaa, Margus Perearst 2016 / lk. 69-71 : fot http://www.ester.ee/record=b1822433*est https://artiklid.elnet.ee/record=b2777474*est

Aldehyde inhibition of antioxidant enzymes in the blood of diabetic patients

Lankin, Vadim Z.; Konovalova, Galina G.; Tikhaze, Alla K.; **Viigimaa, Margus** Journal of Diabetes 2016 / p. 398-404 : tab <http://dx.doi.org/10.1111/1753-0407.12309>

An NMR and MD modeling insight into nucleation of 1,2-alkanediols : selective crystallization of lipase-catalytically resolved enantiomers from the reaction mixtures

Parve, Omar; Reile, Indrek; Parve, Jaan; Kasvandik, Sergo; **Kudrjašova, Marina**; Tamp, Sven; **Metsala, Andrus**; Villo, Ly; **Pehk, Tõnis**; Jarvet, Jüri; Vares, Lauri Journal of organic chemistry 2013 / p. 12795-12801 : ill

Arterial hypertension and significant coronary artery stenosis: detection by 64 row computed tomography

Šamarin, Andrei; Mesikepp, Arvo; Brand, Ruth; **Nazarenko, Sergei**; **Viigimaa, Margus** Journal of hypertension 2008 / p. 285

Arterial stiffness assessment for early diagnosis of atherosclerosis

Pikta, Marika; **Viigimaa, Margus**; Pilt, Kristjan; Kõots, Kristina; Meigas, Kalju Cardiology 2015 / p. 32 <https://www.karger.com/Article/Abstract/431110>

Asymmetric synthesis of tertiary 2-substituted 5-oxotetrahydrofuran-2-carboxylic acids

Paju, Anne; **Oja, Karolin**; **Matkevits, Katharina**; Lumi, Priit; Järving, Ivar; **Pehk, Tõnis**; Lopp, Margus Heterocycles 2014 / p. 981-995 : ill

Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles

Bondarenko, Olesja; Ivask, Angela; Kahru, Anne; **Titma, Tiina**; Pudova, Ksenia; **Adamberg, Signe** Carbohydrate polymers 2016 / p. 710-720 : ill <https://doi.org/10.1016/j.carbpol.2015.09.093>

Beneficial effects of stoichiometry and nanostructure for a LiBH₄-MgH₂ hydrogen storage system

Hu, Jianjiang; **Witter, Raiker**; Shao, Huaiyu; Felderhoff, Michael; Fichtner, Maximilian Journal of materials chemistry A 2014 / p. 66-72 : ill <http://dx.doi.org/10.1039/C3TA13775A>

Benefit from lipoprotein apheresis in severe case of coronary heart disease patient with high level of lipoprotein (a)

Zemtsovski, Mihhail; **Zemtsovskaja, Galina**; **Pikta, Marika**; Luman, Merike; **Viigimaa, Margus** Cardiology 2015 / p. 35-36 <https://www.karger.com/Article/Abstract/431110>

Citizens' access to their digital health data in eleven countries - a comparative study

Nohr, Christian; Wong, Ming Chao; Turner, Paul; Almond, Helen; **Parv, Liisa** Exploring complexity in health : an interdisciplinary systems approach : proceedings of MIE2016 at HEC2016 2016 / p. 685-689 : tab <http://dx.doi.org/10.3233/978-1-61499-678-1-685>

A common molecular mechanism of vascular wall injury in atherosclerosis and diabetes

Tikhaze, Alla K.; Lankin, Vadim Z.; Konovalova, Galina G.; **Zemtsovskaja, Galina**; **Pikta, Marika**; **Viigimaa, Margus** Cardiology 2015 / p. 43-44 <https://www.karger.com/Article/Abstract/431110>

Comparison of musculoskeletal disorders development in Estonian office and garment industry workers

Pille, Viive; Reinhold, Karin; Tint, Piia; **Hartšenko, Jelena** Agronomy research 2016 / p. 1435-1449 : ill http://www.ester.ee/record=b1787401*est <http://agronomy.emu.ee/category/volume-14/number-4-volume-14/>

Comparison of permeability of intact cell-layer using measurements of transepithelial electrical resistance (TEER) and cell metabolic activity

Titma, Tiina In Vitro Toxicology for Human Safety Assessment : October 17-20, 2016, Palais des Congres, Juan-les-Pins, France : final program and abstract book 2016 / p. 157

Correlation between aortic stiffness and conventional risk factors with coronary atherosclerosis

Zemtsovskaja, Galina; **Zemtsovski, Mihhail**; Abina, Jelena; **Samarin, Andrei**; Meigas, Kalju; **Viigimaa, Margus** Cardiology 2015 / p. 39 <https://www.karger.com/Article/Abstract/431110>

Data sharing and shared workflow in medical imaging = Jagatud andmebaasid ja töövood pildidiagnostikas

Ross, Peeter 2011

De novo 3D structure determination from sub-milligram protein samples by solid-state 100 kHz MAS NMR spectroscopy

Agarwal, Vipin; Penzel, Susanne; Szekely, Kathrin; Cadalbert, Riccardo; Testori, Emilie; **Oss, Andres**; **Past, Jaan**; **Samoson, Ago**; Ernst, Matthias; Böckmann, Anja; Meier, Beat H. Angewandte Chemie international edition 2014 / p. 12253-12256 : ill <http://dx.doi.org/10.1002/anie.201405730>

Dehydration of AlPO₄-34 studied by variable-temperature NMR, XRD and first-principles calculations

Varlec, Jure; Krajnc, Andraž; **Vanatalu, Kalju; Oss, Andres; Samoson, Ago** New journal of chemistry 2016 / p. 4178-4186 : ill
<http://dx.doi.org/10.1039/c5nj02838h>

Development of a signal processing algorithm for automatic identification of the cardiac events in the seismocardiogram
Rahman, Mohammed Owahidur; Witter, Raiker; Samoson, Ago Cardiology 2015 / p. 44
<https://www.karger.com/Article/Abstract/431110>

Developments and investigations on battery materials

Witter, Raiker; Irshad, Mohammad; Molaiyan, Palanivel; Oss, A.; Anupöld, T.; Rongeat, C.; Reddy, M. Anji; Fichtner, M.;
Samoson, Ago 56th Rocky Mountain Conference on Magnetic Resonance : July 13-17, 2014, Copper Conference Center, Copper Mountain, Colorado, USA 2014 / p. 336

Disordered lithium-rich oxyfluoride as a stable host for enhanced Li⁺ intercalation storage

Chen, Ruiyong; Ren, Shuhua; Knapp, Michael; Wang, Di; **Witter, Raiker**; Fichtner, Maximilian; Hahn, Horst Advanced energy materials 2015 / p. 1-7 : ill <http://dx.doi.org/10.1002/aenm.201401814>

Effects of working time patterns on creative R&D work outcome

Hazak, Aaro; Virkebau, Marko; Sõõru, Erve; Männasoo, Kadri; Tuulik, Viiu Hard Times? : the Eighth Nordic Working Life Conference, 2-4 November 2016 = Kovat Ajat? : Työelämän tutkimuspäivät 3.-4. marraskuuta 2016 : University of Tampere 2016 / p. 49-50 http://www.uta.fi/ky/NWLC2016/Programme/abstractbook/NWLC2016_Abstraktikirja_Web_28102016.pdf

E-Health Innovations in Estonia

Ross, Peeter Cardiology 2015 / p. 14 <https://www.karger.com/Article/Abstract/431110>

Employee performance, working time and tiredness in creative R&D jobs : employee survey from Estonia

Hazak, Aaro; Virkebau, Marko; Tuulik, Viiu; **Tint, Piia; Pille, Viive; Sõõru, Erve** 8th International Conference The Economies of Balkan and Eastern Europe Countries in the Changed World : EBEEC 2016 : Split, Croatia, May 5-8, 2016 2016 / p. 77

Enantioselective organocatalytic Michael addition of cyclopentane-1,2-diones to nitroolefins

Preegel, Gert; Noole, Artur; Ilmarinen, Kaja; Järving, Ivar; Kanger, Tõnis; Pehk, Tõnis; Lopp, Margus Synthesis 2014 / p. 2595-2600 : ill

Evaluation of muscular tension by myotonometrical method

Pille, Viive; Tint, Piia; Rõivassepp, Maris The annals of occupational hygiene 2015 / p. 31-32 <http://dx.doi.org/10.1093/annhyg/meu119>

Fast atomic charge calculation for implementation into a polarizable force field and application to an ion channel protein

Witter, Raiker; Möllhoff, Margit; Koch, Frank-Thomas; **Sternberg, Ulrich** Journal of chemistry 2015 / p. 1-14 : ill
<http://dx.doi.org/10.1155/2015/908204>

4-pyridoxic acid in the spent dialysate : contribution to fluorescence and optical monitoring

Kalle, Sigrid; Tanner, Risto; Arund, Jürgen; Tomson, Ruth; Luman, Merike; Fridolin, Ivo PLoS ONE 2016 / art. e0162346, p. 1-11 : ill <http://dx.doi.org/10.1371/journal.pone.0162346>

Hybrid PET/MR imaging of bone metabolism and morphology = Luustiku ainevahetuse ja morfoloogia hübriidkuvamine positronemissioontomograafia ja magnetresonantstomograafia abil

Samarin, Andrei 2016 https://www.ester.ee/record=b4574538*est

Implementation and verification of new VWF:Ac assay system with components from different manufacturers

Pikta, Marika; Zolotareva, Valeria; Tõnne, Jelena; **Viigimaa, Margus**; Banys, Valdas Laboratorine medicina 2016 / p. 185-188 : ill
https://www.researchgate.net/publication/312072535_Implementation_and_Verification_of_New_VWFAc_Assay_System_with_Components_from_Different_Manufacturers

Intima-media thickness of the common carotid artery of patients with chronic kidney disease

Silluta, Sandra; Pilt, Kristjan; Kõõts, Kristina; Viigimaa, Margus; Meigas, Kalju Cardiology 2015 / p. 37
<https://www.karger.com/Article/Abstract/431110>

Isomers and conformers of complexes of Ti(OiPr)₄ with cuclopentane-1,2-dione : NMR study and DFT calculations

Osadchuk, Irina; Pehk, Tõnis; Paju, Anne; Lopp, Margus; Öeren, Mario; Tamm, Toomas International journal of quantum chemistry 2014 / p. 1012-1018 : ill

Level of plasma coenzyme Q10 in patients on statin treatment

Pikta, Marika; Zemtsovskaja, Galina; Zemtsovski, Mihhail; Duishvili, Davit; Tikhaze, Alla K.; Lankin, Vadim Z.; Viigimaa, Margus Cardiology 2015 / p. 36 <https://www.karger.com/Article/Abstract/431110>

Li⁺ intercalation in isostructural Li₂VO₃ and Li₂VO₂F with O²⁻ and mixed O²⁻/F⁻ anions

Chen, Ruiyong; Ren, Shuhua; Yavuz, Murat; Guda, Alexander A.; Shapovalov, Viktor; **Witter, Raiker**; Fichtner, Maximilian; Hahn, Forst

Physical chemistry chemical physics 2015 / p. 17288-17295 : ill <http://dx.doi.org/10.1039/C5CP02505B>

Lithiation-driven structural transition of VO₂F into disordered rock-salt LiVO₂F

Chen, Ruiyong; Maawad, Emad; Knapp, Michael; Ren, Shuhua; Beran, Premysl; **Witter, Raiker**; Hempelmann, Rolf RSC advances 2016 / p. 65112-65118 : ill <http://dx.doi.org/10.1039/c6ra14276a>

Low cost anatomically realistic renal biopsy phantoms for interventional radiology trainees

Hunt, Andres; Ristolainen, Asko; Ross, Peeter; Öpik, Rivo; Krumme, Andres; Kruusmaa, Maarja European journal of radiology 2013 / p. 594-600 : ill

Methods, devices and results of arterial stiffness estimation

Pilt, Kristjan Cardiology 2015 / p. 15 <https://www.karger.com/Article/Abstract/431110>

Molecular dynamics simulations on PGLa using NMR orientational constraints

Sternberg, Ulrich; Witter, Raiker Journal of biomolecular NMR 2015 / p. 265-274 : ill <http://dx.doi.org/10.1007/s10858-015-9983-y>

Musculoskeletal disorders caused by the static posture of office and garment workers

Pille, Viive; Reinhold, Karin; Tint, Piia; Hartšenko, Jelena International journal of biology and biomedical engineering 2016 / p. 191-201 : ill

Myotonometry as a tool for determination of fatigue in the upper extremities of garment industry workers

Pille, Viive; Tint, Piia Proceedings of the 11th International Conference BIOMDLORE 2016 : October 20-22, 2016, Druskininkai, Lithuania 2016 / p. 42-45 : ill

Operating center workers' skin diseases caused by disinfectants and antiseptics - disbeliefs and preventive measures

Kalle, Sigrid; Pille, Viive OEESC 2013 : 6th International conference on Occupational and Environmental Exposure of Skin to Chemicals, June 2-4, Amsterdam, The Netherlands : programme and abstract book 2013 / [1] p

Optical assessment of calcification markers phosphorus and calcium during hemodialysis

Holmar, Jana; Uhlin, Nils Fredrik Arne; Fernström, Anders; Luman, Merike; Jankowski, Joachim; Fridolin, Ivo Nephrology Dialysis Transplantation 2015 / iii556 <https://doi.org/10.1093/ndt/gfv197.03>

Optical Estimation of Beta 2 Microglobulin during Hemodiafiltration - Does It Work?

Uhlin, Nils Fredrik Arne; Holmar, Jana; Yngman-Uhlin, Pia; Fernström, Anders; Fridolin, Ivo Blood Purification 2015 / 113-119 <https://doi.org/10.1159/000381797>

Prevention of physiological and psychological stress at computer-equipped workplaces

Tint, Piia; Meigas, Kalju; Tuulik, Viu; Pille, Viive; Oha, Kristel; Reinhold, Karin; Karai, Deniss; Tuulik-Leisi, Varje-Riin; Lauri, Mariliis Human factors : sustainable life and mobility : proceedings of the Human Factors and Ergonomics Society Europe Chapter 2013 Annual Conference 2014 / p. 229-240 : ill

Rail Baltic - ölekõrs teadusele

Samoson, Ago Sirp 2014 / lk. 40 <https://sirp.ee/s1-artiklid/c21-teadus/2014-04-30-17-04-10-2/>

Remote activation of the nucleophilicity of isatin

Žari, Sergei; Kudrjašova, Marina; Pehk, Tõnis; Lopp, Margus; Kanger, Tõnis Organic letters 2014 / p. 1740-1743 : ill

Results of a myotonometrical muscle study in pateints with work-related hand overload disorder

Pille, Viive; Oha, Kristel; Tint, Piia EPICOH 2013 : Improving the Impact : 18-21 June 2013 Utrecht, The Netherlands : the selected abstracts : 23rd Conference on Epidemiology in Occupational Health 2013 / p. 131-132

Social innovation potential in working arrangements of R&D employees : repeated employee survey from Estonia

Hazak, Aaro; Virkebau, Marko; Tuulik, Viu; Tint, Piia; Pille, Viive; Sõõru, Erve 2016 IEEE International Conference on Emerging Technologies and Innovative Business Practices for the Transformation of Societies (EmergiTech) : 3-6 August 2016, Balaclava Mauritius, Mauritius 2016 / p. 210-213 : ill <https://doi.org/10.1109/EmergiTech.2016.7737340>

Solid electrolytes for fluoride ion batteries : ionic conductivity in polycrystalline tysonite-type fluorides

Rongeat, Carine; Reddy, M. Anji; **Witter, Raiker**; Fichtner, Maximilian ACS applied materials and interfaces ACS applied materials & interfaces 2014 / p. 2103-2110 : ill <http://dx.doi.org/10.1021/am4052188>

Solid-state NMR of a protein in a precipitated complex with a full-length antibody

Lamley, Jonathan M.; Iuga, Dinu; Öster, Carl; Sass, Hans-Juergen; Rogowski, Marco; **Oss, Andres; Past, Jaan; Reinhold, Andres; Grzesiek, Stephan; Samoson, Ago**; Lewandowski, Jozef R. Journal of the American Chemical Society 2014 / p. 16800-16806 : ill <http://dx.doi.org/10.1021/ja5069992>

Sonogashira cross-coupling of 3-bromo-1,2-diones : an access to 3-alkynyl-1,2-diones

Paju, Anne; Kanger, Tõnis; Müürisepp, Aleksander-Mati; Aid, Tiina; Pehk, Tõnis; Lopp, Margus Tetrahedron 2014 / p. 5843-5848 : ill

Stereoselective synthesis of 1-methyl-1,2-and 1,3-cyclopentane diols via γ -lactones

Niidu, Allan; Paju, Anne; Müürisepp, Aleksander-Mati; Järving, Ivar; Kailas, Tiit; Pehk, Tõnis; Lopp, Margus Chemistry of heterocyclic compounds 2013 / p. 1751-1760 : ill

Synthesis and quantitative analysis of diastereomeric linked ester conjugates with remote stereocenters using high field NMR and chiral HPLC

Doyle, Eva; Parve, Jaan; Kudrjašova, Marina; Tamp, Sven; Müürisepp, Aleksander-Mati; Villo, Ly; Vares, Lauri; Pehk, Tõnis; Parve, Omar Chirality 2013 / p. 793-798 : ill

Tallinna tehnikaülikooli (tee)kaart

Samoson, Ago Õpetajate Leht 2015 / lk. 12 <https://opleht.ee/2015/05/tallinna-tehnikaulikooli-teekaart/>

Teadus teeb Nokiat : [uuest loodavast valitsuskoalitsioonist ja teadusest]

Samoson, Ago Õpetajate Leht 2015 / lk. 10 <https://opleht.ee/2015/03/teadus-teeb-nokiat/>

The effect of cytotoxin I and II from *Naja oxiana* is induced by polysaccharide levan in melanoma cells

Titma, Tiina Toxicology letters 2016 / p. S136 <https://doi.org/10.1016/j.toxlet.2016.06.1532>

The effect of outpatient mud and spa-therapies on the tissue perfusion measured with laser Doppler in work related upper extremities overuse syndromes

Tuulik-Leisi, Varje-Riin; Pille, Viive; Tamm, Marje; Tuulik, Viit; Tint, Piia; Tilk, Maria; Saarik, Silver; Vare, Talis Boletín de la Sociedad Española de Hidrología Médica 2015 / p. 193-204 : ill

***Thermomyces lanuginosus* lipase with closed lid catalyzes elimination of acetic acid from 11-acetyl-prostaglandin E2**

Villo, Ly; Metsala, Andrus; Tamp, Sven; Parve, Jaan; Vallikivi, Imre; Järving, Ivar; Nigulas, Samel; Lille, Ülo; Pehk, Tõnis; Parve, Omar ChemCatChem 2014 / p. 1998-2010 : ill

3-Chlorooxindoles : versatile starting materials for asymmetric organocatalytic synthesis of spirooxindoles

Noole, Artur; Ošeka, Maksim; Pehk, Tõnis; Ören, Mario; Järving, Ivar; Elsegood, Mark R. J.; Malkov, Andrei; Lopp, Margus; Kanger, Tõnis Advanced synthesis and catalysis 2013 / p. 829-835 : ill

Toxicity of antimony, copper, cobalt, manganese, titanium and zinc oxide nanoparticles for the alveolar and intestinal epithelial barrier cells in vitro

Titma, Tiina; Shimmo, Ruth; Siigur, Jüri; Kahru, Anne Cytotechnology 2016 / p. 2363-2377 : ill <http://dx.doi.org/10.1007/s10616-016-0032-9>

TTÜ Tehnomeedikum. Biomeditsiinitehnika instituut

Hinrikus, Hiie; Meigas, Kalju Leiutajaid ja leiutisi Tallinna Tehnikaülikoolis 1922-2007 2008 / lk. 92-96 : ill
https://www.ester.ee/record=b2412718*est

Work-related musculoskeletal symptoms in industrial workers and the effect of balneotherapy

Pille, Viive; Tuulik-Leisi, Varje-Riin; Saarik, S.; Tint, Piia; Vare, Talis; Sepper, Ruth Agronomy research 2015 / p. 820-828

Work-related musculoskeletal symptoms in industrial workers and the effect of balneotherapy [Electronic resource]

Pille, Viive; Tuulik-Leisi, Varje-Riin; Saarik, S.; Tint, Piia; Vare, Talis; Sepper, Ruth 6th International Conference Biosystems Engineering 2015 : 7-8 May 2015, Tartu, Estonia : book of abstracts 2015 / p. 114. [CD-ROM]
http://bse.emu.ee/BSE2015_Book%20of%20ABSTRACTS_ISBN.pdf